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Earth pollution .
As we live in city ,suburban , rural town ,noise and light intensity level can causes pain and restlessness to human, animal and plant habitat environment , unwanted elevated intensity sound and light cause climate change.
sound ,noise level is measured by decibels (**dB**) starting with zero audible to human and rising up to 195(**dB**) ,
light at night is measured by sky quality meter to rate the night sky light and it is alternative to expensive light meters.
Biological sound at animal can cause ,conduct and change hormone ,low performance, low efficiency .
Errors In the slopes, high altitude slopes are covered by snow in the winter, due to the force of gravitational will be a drop of balance, heavy snow slide cause explosion and sound pollution .
As Sea level rise due to thermal expansion of the ocean and glacier melting it affect red fox performance and migration.
Some nautical animals and other non-nautical animals damaged by light such as Moths depend on the natural rhythm of day night and seasonal, lunar light is changing .
Artificial light disturbs amphibians and reptile feeding, breeding and light movement affect the level of melatonin hormone production and.Light and darkness affect the physiology and behavior in the intelligent animals.
A **Great Horned Owl** , is a nautical bird at the night both eyes are forward facing, which affords the owl excellent binocular vision, a trait they share with humans. This positioning of the eyes allows for exceptional depth perception, which is critical to the owl's success as a hunter. However, owls cannot rotate their eyes within their skull, as we do. To compensate they turn their heads on necks that are quite flexible and longer than they appear. While they cannot "spin" their heads around completely as is sometimes rumored, they can pivot their head as much as 270 degrees from front facing – quite a feat! They can also tilt their heads sideways to a remarkable degree. Their eyes are especially well designed to process light, although their ability to see color is limited. It is a myth that they are blinded by daylight.
Important as they are, owl eyes are well protected and maintained. Indeed, nature has provided them with not only an upper and lower eyelid, but also a third eye lid. This is called a "nictitating membrane". It moves sideways across the eye, rather like a windshield wiper.
Their ears are also specially evolved. Unlike humans, the ears of an owl are asymmetrical – one ear is higher than the other. Because of this, sounds reach one ear slightly before the other. The owl can process this difference to perceive the direction from which the sound is being produced. Even at the dark It will turn its head until the sound of interest is reaching both ears at the same time. When this effect is achieved, the bird knows its target is in front of it. This enables the owl to accurately pinpoint the location of preferred food, such as small mammals on the forest .
an owl's hearing, can succeed in capturing prey concealed from sight under leaves or snow, an **owl's face** isn't necessarily flatter, but rather it is ringed by dense feathers that make it appear flattened. The adaptations allow an **owl** to **get** the most sound directed into their ears.
Swans are momentarily blinded and Away from man made car sounds not natural sound.
Light pollution can cause damage to the retina, cause irregularities, reduce sperm and genetic mutation for some animals .

Ian stevens ON INVESTIGATION OF THE FLATTENED SWIRLED CROPS, CROP CIRCLE , PHENOMENON 1978 IT IS SAME AS HUMAN SPIRAL BODY SHAPS AND SAME AS METERORITE MOMENT .
WITH THE STUDIES, METERORITE ,CAN CAUSE NOISE AND AIR POLLUTION .THAT HAPPEN AND MADE FROM SOME COMET EVENT AROUND EARTH AND SPACE .
Comet /meteorite **46P/Wirtanen** was closest to Earth on Dec. 16, 2018. chemical reactions taking place in the atmosphere between pollutants would result in the formation of globally distributed acid rains can affect all habitat and cause air and sound pollution.The appearance of comets can cause

rock explosions and noise .

day of the month		lenght of the day	moon place	moon age	time observation
12/3 11 48	leo	14	7.11	yes	
27/3 12 40	aqu	0	6	yes	
11/4 13 09	vir	15	8	yes	
26/4 13 47	cet	0	7	yes	
10/5 14 19	lib	14	5	yes	

AT THE NIGHT SKY , LOTS OF SHINNY STARS COMBINE NOTION OF CHANGE AND MOVEMENT , PROCESS AND REFLECTION. MIRROR IMAGE AND CONSTANTLY EVOLVING FLOW OF SELF - EFFACTING. But DARKNESS GENERALY IS CRUELTY TO ANIMAL AND PEOPLE. ,AND AFFECT ANXIETY , DESTRUCTION AND VIOLENCE.
AT PSYCHOLOGY STUDY TO HUMAN , WONDER OF LOTS OF ANIMAL DEATH AT CERTAIN LOCATIONS .

Protect the environment from sound and light pollution generate acoustic zoning, increase distance between source and receiver Wear ear muffs, headphone and ear plug Desgin better machine quite ,Create machine pass, sound proof charm member ,Create silence area ,Plant a tree ,read Legislative policies ,increase alertness and invest at dark sky organization ,USA
grateful to be part of a global community dedicated to protecting the night ,moon and star-filled sky, can be a source of comfort, unity, and inspiration for our worldwide community. study and data collected at long island sound , NY state was running for one year 2017

citation and resources

1.International Dark-Sky Association, www.darksky.org 2016
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4.envnoise publication , Brüel & Kjær Sound & Vibration Measurement A/S.2000
5.possible world exhibition , comet at earth , at sant'oreste naturalistic museum , roma italy ,2017
6.Enviro-pedia.com
7. www.europarc.org/library/publications/
8. **Beneath the ice , climate change documentary film ,science at the greenland ice sheet**
9.https://www.darkskymeter.com/

comet at the earth , figment art exhibition 2016 ny,usa
study workshop , sound and light pollution

night sky light and observation at
long island sound ,ny ,moon bright night day winter 2017